

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

<b>APPLICATION No./COURT CLAIM No.</b> CS4-00746CTCL@3 and CS4-00746CTCL@2 Court Claim 00746/ (A)06336		
<b>APPLICANT NAME</b> Washington Water Trust	<b>CONTACT NAME</b> Lisa Pelly	<b>TELEPHONE No.</b> 206 675-1585 ext 104
<b>WATER RIGHT HOLDER'S NAME (if different)</b> John E. Conner		<b>EMAIL</b> lisa@thewatertrust.org

<b>DATE OF APPLICATION</b> August 6, 2004	<b>PRIORITY DATE</b> <b>WR no. 1, 00746 (A) 06336: June 30, 1888</b> <b>WR no. 2, 00746 (A) 06336: June 30, 1899</b>
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<b>WATER SOURCE:</b> Teanaway River	<b>CROP:</b> Timothy hay
<b>INSTANTANEOUS QUANTITY:</b> WR no. 1: 1.0 cfs WR no. 2: 0.8 cfs A total of 1.8 cfs for both water rights	<b>ANNUAL QUANTITY:</b> <b>WR no. 1: 325 af</b> <b>WR no. 2: 260 af</b> <b>A total of 585 af for both water rights.</b>
<b>PERIOD OF USE:</b> May 1-September 15	
<b>PLACE OF USE:</b> Teanaway River  WR no. 1: That portion of NW 1/4 of Section 10, T. 20 N., R. 16 E.W.M. lying south of the Teanaway Road and north of the Teanaway River WR no. 2: That portion of E1/2 NE1/4 of Section 9, T. 20 N., R. 16 E.W.M. lying south of the Teanaway Road	<b>PURPOSE OF USE:</b> Irrigation of a total of 90 acres (76.5 acres will be fallowed from July 27 through September 15 each year through 2034)
<b>IRRIGATION METHOD:</b> Sprinkler irrigation.	

<b>CONSUMPTIVE USE CALCULATION:</b> <p>The consumptive use (CU) calculation is based on the Washington Irrigation Guide (WIG) crop irrigation water requirement (CIR) for clover at Cle Elum, adjusted for drought year conditions ("WIG + 5") and evaporation loss (EA) associated with conveyance and irrigation application. Clover in the Cle Elum area has been used as a proxy for timothy hay. The Conner irrigation and conveyance efficiencies are estimated at 75%.</p> <p>CIR is based on fallowing 76.5 acres of the Conner irrigated lands from July 27-September 15 (10.10 inches of fallowed CIR per acre) and transferring that irrigation water to instream flow use from July 27 through September 15. [10.10 inches = 0.842 foot per acre x 76.5 acres = 64.388 af of total fallowed CIR.]</p>
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## WTWG Project Form

EA is based on 5% of the total diversion quantity.  $[0.02 \text{ cfs per acre} \times 76.5 \text{ acres} = 1.53 \text{ cfs} \times 5\% = 0.0765 \text{ cfs of EA} \times 1.9835 \text{ af/day/cfs} = 0.1517 \text{ af/day} \times 51 \text{ days (7/27 through 9/15)} = 7.739 \text{ af of total fallowed EA.}]$

The total fallowed consumptive use calculation then is as follows:  $64.388 \text{ af of fallowed CIR} + 7.739 \text{ af of fallowed EA} = 72.13 \text{ acre-feet of total fallowed consumptive use water from 7/27 through 9/15 each year through 2034.}$

The calculation is also based on the split-season lease nature of this project whereas the water being leased by Washington Water Trust for instream flow purposes is available from July 27-September 15. 76.5 acres will be fallowed during this time period.

### **NARRATIVE DESCRIPTION OF PROJECT:**

WWT is a private nonprofit organization established in 1998 whose mission is to enhance and restore instream flows in Washington's rivers and streams through acquiring existing water rights by lease, purchase or donation to be used for instream flow. Washington Water Trust (WWT), in conjunction with property owners John and Tom Conner, applied to temporarily transfer a portion of water used under Court Claim No. 00746 to the Trust Water Rights Program. Under the proposed project WWT will lease a portion of these two Conner water rights for 30 years to enhance instream flow and life stages of anadromous fish in the Teanaway River. From July 27 to September 15, every year from 2005 through 2034, a portion of both of these water rights, confirmed under Court Claim No. 00746/(A)06336, will not be diverted for irrigation or stock water use, and will be left instream as instream flow trust water rights.